

NPDES

| FacilityID / Name of SIC Code | TRIPound | FullModel | % of Full Model | Site Name                         |
|-------------------------------|----------|-----------|-----------------|-----------------------------------|
| 3366 Copper Foundries         | 3,526    | 1,609,586 |                 |                                   |
| 19381MTLLR810LI Total         | 441      | 1,605,883 | 99.8%           | Metallurgical Products, West Ches |
| 60538RRNDS1002G Total         | 750      | 1,797     | 0.1%            | Aurora Metals, Montgomery, IL     |
| 35215LBMCP1501R Total         | 26       | 808       | 0.1%            |                                   |
| 85714KNGHT420EA Total         | 8        | 424       | 0%              |                                   |
| 26537SHDWBSISLE Total         | 71       | 181       | 0%              |                                   |
| 03235WBSTRSOMAI Total         | 40       | 131       | 0%              |                                   |
| 44052MRCNC305OB Total         | 10       | 110       | 0%              |                                   |
| 68025MGNSFSOUTH Total         | 1,275    | 100       | 0%              |                                   |
| 27804LCNCN400JE Total         | 674      | 57        | 0%              |                                   |
| 03061BRNZCSIMON Total         | 30       | 44        | 0%              |                                   |
| 26003HBCNC21418 Total         | 20       | 21        | 0%              |                                   |
| 29801GRHMB45WIN Total         | 114      | 10        | 0%              |                                   |
| 26537YRKBRKINNE Total         | 2        | 9         | 0%              |                                   |
| 65265CRRCP1500I Total         | 2        | 6         | 0%              |                                   |
| 36202LBRSSGOLDE Total         | 15       | 5         | 0%              |                                   |
| 60005MGNCS1117E Total         | 5        | 0         | 0%              |                                   |
| 37874NGKMT917ST Total         | 1        | 0         | 0%              |                                   |
| 39567BRDJH3719I Total         | 32       | 0         | 0%              |                                   |
| 72143MTTHW501LI Total         | 10       | 0         | 0%              |                                   |

256 lbs P/year

| FacilityID               |                    |              |            |       |           |  |
|--------------------------|--------------------|--------------|------------|-------|-----------|--|
| 19381MTLLR810LI          |                    |              |            |       |           |  |
| Name                     | Street             | City         | County     | State | ZIPCode   |  |
| METALLURGICAL PRODS. CO. | 810 LINCOLN AVE.   | WEST CHESTER | PA,CHESTER | PA    | 193810598 |  |
| PublicContactName        | PublicContactPhone | SICCode1     |            |       |           |  |
| MICHAEL H. GOODMAN       | 6106969230         | 3366         |            |       |           |  |

| RCRANumber   | NPDESPermit |
|--------------|-------------|
| PAD002271039 | NA          |

From PCS:  
PAR200009



# U.S. Environmental Protection Agency

## Water Discharge Permits (PCS)

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## Detailed Reports

**Report  
an  
Error**

Results are based on data extracted on APR-15-2003

### Facility

|  |                                     |   |                            |
|--|-------------------------------------|---|----------------------------|
| <u>FACILITY NAME (1) :</u>               | METALLURGICAL PRODUCTS<br>CO        | <u>NPDES :</u>                          | PAR200009                  |
| <u>FACILITY NAME (2) :</u>               |                                     |   |                            |
| <u>STREET 1 :</u>                        | 810 LINCOLN AVE                     | <u>SIC CODE :</u>                       | 3366 = COPPER<br>FOUNDRIES |
| <u>CITY :</u>                            | WEST GOSHEN TWP                     | <u>MAJOR / MINOR :</u>                  |                            |
| <u>COUNTY NAME :</u>                     | CHESTER                             | <u>TYPE OF OWNERSHIP :</u>              | PRI = PRIVATE              |
| <u>STATE :</u>                           | PA                                  | <u>INDUSTRY CLASS :</u>                 | R                          |
| <u>ZIP CODE :</u>                        | 193810598                           | <u>ACTIVITY STATUS :</u>                | A = Active                 |
| <u>REGION :</u>                          | 03                                  | <u>INACTIVE DATE :</u>                  |                            |
| <u>LATITUDE :</u>                        | +3958250                            |   |                            |
| <u>LONGITUDE :</u>                       | -07535210                           | <u>TYPE OF PERMIT ISSUED :</u>          | S = STATE                  |
| <u>LAT/LON CODE OF<br/>ACCURACY :</u>    | 2 = NEAREST SECOND                  | <u>PERMIT ISSUED DATE :</u>             | 10-JAN-2002                |
| <u>LAT/LON METHOD :</u>                  | A = MAP INTERPOLATION               | <u>PERMIT EXPIRED DATE :</u>            | 10-JAN-2007                |
| <u>LAT/LON SCALE :</u>                   | U = UNKNOWN                         | <u>ORIGINAL PERMIT ISSUE<br/>DATE :</u> | 26-APR-1996                |
| <u>LAT/LON DATUM :</u>                   | 1 = NAD27                           |   |                            |
| <u>LAT/LON DESCRIPTION :</u>             | 01099                               | <u>STREAM SEGMENT :</u>                 |                            |
| <u>USGS HYDRO BASIN<br/>CODE :</u>       |                                     | <u>MILEAGE IND :</u>                    |                            |
| <u>FLOW :</u>                            |                                     | <u>FEDERAL_GRANT_IND :</u>              |                            |
| <u>RECEIVING STREAM CLASS<br/>CODE :</u> |                                     | <u>FINAL LIMITS IND :</u>               |                            |
| <u>RECEIVING WATERS :</u>                | UNT TO WEST BRANCH<br>CHESTER CREEK | <u>SLUDGE CLASS FAC IND :</u>           |                            |
| <u>PRETREATMENT CODE :</u>               |                                     | <u>ANNUAL DRY SLUDGE<br/>PROD :</u>     |                            |
| <u>SLUDGE INDICATOR :</u>                |                                     |   |                            |
| <u>SLUDGE RELATED PERMIT<br/>NUM :</u>   |                                     |   |                            |
| <u>MAILING NAME :</u>                    | METALLURGICAL PRODUCTS<br>CO        | <u>MAILING STREET (2) :</u>             | PO BOX 598                 |
| <u>MAILING STREET (1) :</u>              | 810 LINCOLN AVE                     | <u>MAILING STATE :</u>                  | PA                         |
| <u>MAILING CITY :</u>                    | WEST CHESTER                        |   |                            |
| <u>MAILING ZIP CODE :</u>                | 193810598                           |   |                            |
| <u>SLUDGE COMMERCIAL<br/>HANDLER :</u>   |                                     |   |                            |

SLUDGE HANDLER STREET  
(1) :  
SLUDGE HANDLER CITY :  
SLUDGE HANDLER ZIP  
CODE :

SLUDGE HANDLER STREET  
(2) :  
SLUDGE HANDLER STATE :

COGNIZANT OFFICIAL : GREGG KUDLACIK/PLANT  
MANAGER

COGNIZANT OFFICIAL TEL : 610-696-6770

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## Permit Tracking

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009  
FACILITY NAME (2) : PERMIT ISSUED BY : S = STATE  
PERMIT ISSUED DATE : 10-JAN-2002 ORIGINAL DATE OF ISSUE : 26-APR-1996  
PERMIT EXPIRED DATE : 10-JAN-2007

### Permit Tracking Events:

| EVENT CODE | EVENT DESCRIPTION    | ACTUAL DATE |
|------------|----------------------|-------------|
| P5099      | PERMIT EXPIRED       | 10-JAN-2007 |
| P4099      | PERMIT ISSUED        | 10-JAN-2002 |
| P1099      | APPLICATION RECEIVED | 05-DEC-2001 |

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## Inspections

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009  
FACILITY NAME (2) :

No Inspections Found.

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## Outfalls/Pipe Schedules

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009  
FACILITY NAME (2) :

No PCS Pipe Schedule Information Found.

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## Limits Report

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009  
FACILITY NAME (2) :

No PCS Limits Information Found

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## Measurements and Violations

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009

FACILITY NAME (2) :

No PCS Measurements and Violations Information Found.

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## Compliance Schedules and Violations

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009

FACILITY NAME (2) :

No Compliance Schedules Found.

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## Evidentiary Hearings

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009

FACILITY NAME (2) :

No PCS Evidentiary Hearing Information Found.

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## Pretreatment Inspections/Audits

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009

FACILITY NAME (2) :

No PCS Pretreatment Inspections Found.

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## Pretreatment Performance Summary

FACILITY NAME (1) : METALLURGICAL PRODUCTS CO NPDES : PAR200009

FACILITY NAME (2) :

No PCS Pretreatment Performance Summary Information Found.

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COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

**BUREAU OF WATERSHED MANAGEMENT  
CONTACTS & DEP OFFICES**

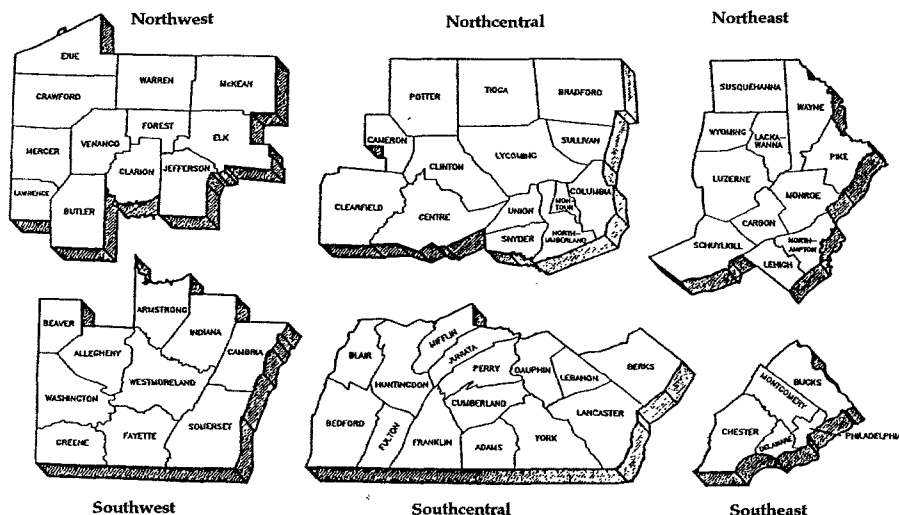
The following information is to assist the client/applicant with appropriate contact information when addressing the Department in reference to applications for a permit or other authorization related to the Bureau of Watershed Management. Listed below is information for central and regional offices and the counties they serve. This information is available on the Department web site at [www.dep.state.pa.us](http://www.dep.state.pa.us) (PA Keyword "Permits"); select Program-Specific Permit/Authorization Packages, Water Management, NPDES.

**CENTRAL OFFICE**

PA Dept of Environmental Protection  
Bureau of Watershed Management  
PO Box 8555  
Harrisburg PA 17105-8555

(717) 783-9633

**REGIONAL OFFICES**



PA Dept of Environmental Protection  
SE Regional Office  
Lee Park Ste 6010  
555 North Lane  
Conshohocken, PA 19428-2233

Wastewater: 610-832-6131

**Counties:** Bucks, Chester, Delaware, Montgomery, and Philadelphia.

PA Dept of Environmental Protection  
NE Regional Office  
Two Public Square  
Wilkes Barre, PA 18711-0790  
Wastewater: 570-826-2511

**Counties:** Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne, and Wyoming.

|   |   |
|---|---|
| <p><b>PA Dept of Environmental Protection<br/>SC Regional Office<br/>909 Elmerton Ave<br/>Harrisburg, PA 17110-8200</b></p> <p>Wastewater: 717-705-4707</p> <p><b>Counties:</b> Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, and York.</p> | <p><b>PA Dept of Environmental Protection<br/>NC Regional Office<br/>208 W Third St Ste 101<br/>Williamsport, PA 17701</b></p> <p>Wastewater: 570-327-3670</p> <p><b>Counties:</b> Bradford, Cameron, Clearfield, Centre, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, and Union.</p> |
| <p><b>PA Dept of Environmental Protection<br/>SW Regional Office<br/>400 Waterfront Dr<br/>Pittsburgh, PA 15222-4745</b></p> <p>Wastewater: 412-442-4035</p> <p><b>Counties:</b> Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, and Westmoreland.</p>                               | <p><b>PA Dept of Environmental Protection<br/>NW Regional Office<br/>230 Chestnut St<br/>Meadville, PA 16335-3481</b></p> <p>Wastewater: 814-332-6942</p> <p><b>Counties:</b> Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, and Warren.</p>                                       |

## Detailed Facility Report

Report  
ErrorData  
Dictionary

For Public Release - Unrestricted Dissemination Report Generated on 05/16/2003  
 JS Environmental Protection Agency - Office of Enforcement and Compliance Assurance

## Facility Permits and Identifiers

Data Dictionary

| Statute | System | Source ID       | Facility Name                      | Street Address                | City            | State | Zip   |
|---------|--------|-----------------|------------------------------------|-------------------------------|-----------------|-------|-------|
|         | FRS    | 110010990776    | METALLURGICAL PRODUCTS COMPANY     | 810 LINCOLN AVENUE            | WEST CHESTER    | PA    | 19381 |
| AA      | AFS    | 4202900139      | METALLURGICAL PROD CO/WEST CHESTER | 810 LINCOLN AVENUE PO BOX 598 | WEST CHESTER    | PA    | 19381 |
| WA      | PCS    | PAR200009       | METALLURGICAL PRODUCTS CO          | 810 LINCOLN AVE               | WEST GOSHEN TWP | PA    | 19381 |
| CRA     | RCR    | PAD002271039    | METALLURGICAL PRODUCTS CO          | 810 LINCOLN AVE               | WEST CHESTER    | PA    | 19381 |
| P313    | TRI    | 19381MTLLR810LI | METALLURGICAL PRODS. CO.           | 810 LINCOLN AVE.              | WEST CHESTER    | PA    | 19381 |

## Facility Characteristics

Data Dictionary

| Statute | Source ID       | Facility Status              | Permit Expiration Date | Lat/Long                            | Indian Lands? | Primary SIC | Secondary SICs |
|---------|-----------------|------------------------------|------------------------|-------------------------------------|---------------|-------------|----------------|
|         | 110010990776    |                              |                        | LRT lat: 39.9736 LRT long: -75.5892 | NA            |             |                |
| AA      | 4202900139      | Operating, Minor (Fed. Rep.) |                        |                                     | NA            | 3339        | 3341           |
| WA      | PAR200009       |                              | 01/2007                | lat: 39.9736 long: -75.5892         | NA            | 3366        |                |
| CRA     | PAD002271039    |                              |                        |                                     | No            | 3339        | 3341 3331 3643 |
| P313    | 19381MTLLR810LI |                              |                        | lat: 39.9714 long: -75.5941         | NA            | 3366        |                |

## Inspection and Enforcement Summary Data

Data Dictionary

| Statute | Source ID    | RECAP Insp. Last 05Yrs | Date of Last Inspection | Formal Enf Act Last 05 Yrs | Penalties Last 05 Yrs |
|---------|--------------|------------------------|-------------------------|----------------------------|-----------------------|
| AA      | 4202900139   | 3                      | 08/30/2002              | 1                          | \$4,000               |
| WA      | PAR200009    | 0                      | Never                   | 0                          | \$00                  |
| CRA     | PAD002271039 | 2                      | 12/05/2000              | 0                          | \$00                  |

Data Dictionary

| Statute | Source ID    | Inspection Type                          | Lead Agency | Date       |
|---------|--------------|--|-------------|------------|
| AA      | 4202900139   | STATE PCE/ON-SITE                        | State       | 08/05/1999 |
| AA      | 4202900139   | STATE CONDUCTED FCE/ONSITE               | State       | 08/26/1999 |
| AA      | 4202900139   | STATE CONDUCTED FCE/ONSITE               | State       | 07/25/2000 |
| AA      | 4202900139   | STATE CONDUCTED FCE/ONSITE               | State       | 08/30/2002 |
| CRA     | PAD002271039 | COMPLIANCE EVALUATION INSPECTION ON-SITE | State       | 08/14/2000 |
| CRA     | PAD002271039 | OTHER EVALUATION                         | State       | 12/05/2000 |

## Compliance Summary Data

Data Dictionary

| Statute | Source ID    | Current SNC/HPV? | Current Quarter | Description | Qtrs in NC (of 8) |
|---------|--------------|------------------|-----------------|-------------|-------------------|
| AA      | 4202900139   | NO               | Apr-Jun03       |             |                   |
| WA      | PAR200009    | N/A              | Oct-Dec02       |             | N/A               |
| CRA     | PAD002271039 | NO               | Jan-Mar03       |             | 0                 |

## Two Year Compliance Status by Quarter

Data Dictionary

| Statute:Source ID | QTR1<br>Jul-Sep01 | QTR2<br>Oct-Dec01 | QTR3<br>Jan-Mar02 | QTR4<br>Apr-Jun02 | QTR5<br>Jul-Sep02 | QTR6<br>Oct-Dec02 | QTR7<br>Jan-Mar03 | QTR8<br>Apr-Jun03 |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| AA: 4202900139    |                   |                   |                   |                   |                   |                   |                   |                   |

|  |          |          |          |          |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| HPV History                            |          |          |          |          |          |          |          |          |
| Program/Pollutant in Current Violation |          |          |          |          |          |          |          |          |
| HPV                                    | C-PROCED | C-PROCED | C-PROCED | C-PROCED | C-PROCED | C-PROCED | C-PROCED | C-PROCED |

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addr" means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. C=Compliance; V=Violation; S=Compliance Schedule.

## Formal Enforcement Actions (05 year history)

Data Dictionary

| Statute | Source ID  | Type of Action                    | Lead Agency | Date       | Penalty | Penalty Description |
|---------|------------|-----------------------------------|-------------|------------|---------|---------------------|
| CAA     | 4202900139 | STATE ADMINISTRATIVE ORDER ISSUED | State       | 10/09/2001 | \$4,000 |                     |

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in this section are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

## EPA Formal Enforcement Cases (05 year history)

Data Dictionary

| Primary Law/Section         | Case Number | Case Type | Case Name | Issued/Filed Date | Settlement Date | Penalty | SEP Cost |
|-----------------------------|-------------|-----------|-----------|-------------------|-----------------|---------|----------|
| - No data records returned. |             |           |           |                   |                 |         |          |

Formal enforcement actions and penalties listed in this section may duplicate records in the Formal Enforcement Actions section.

## History of Reported Chemicals Released in Pounds per Year at Site:19381MTLLR810LI

Data Dictionary

Chemical releases reported to TRI are provided for context and are not associated with non-compliance for that facility.

| Year | Total Air Emissions | Surface Water Discharges | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers | Total Releases and Transfers |
|------|---------------------|--------------------------|------------------------|------------------|------------------------|--------------------------|------------------------------|
| 1992 | 285                 |                          |                        |                  | 285                    | 2,910                    | 3,195                        |
| 1993 | 30                  |                          |                        |                  | 30                     | 2,910                    | 2,940                        |
| 1994 | 520                 | 1,000                    |                        |                  | 1,520                  | 112,435                  | 113,955                      |
| 1995 | 530                 | 1,010                    |                        |                  | 1,540                  | 135,898                  | 137,438                      |
| 1996 | 530                 | 510                      |                        |                  | 1,040                  | 110,762                  | 111,802                      |
| 1997 | 520                 | 1,005                    |                        |                  | 1,525                  | 105,144                  | 106,669                      |
| 1998 | 530                 | 328                      |                        |                  | 858                    | 200,538                  | 201,396                      |
| 1999 | 530                 | 1,560                    |                        |                  | 2,090                  | 74,055                   | 76,145                       |
| 2000 | 530                 | 441                      |                        |                  | 971                    | 59,753                   | 60,724                       |

## TRI Total Releases and Transfers by Chemical and Year

Chemical releases and transfers are in pounds except where otherwise noted.

| Chemical Name         | 1992   | 1993   | 1994   | 1995   | 1996   | 1997   | 1998    | 1999   | 2000   |
|-----------------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| MANGANESE             | 510    | 510    | 2,315  | 15,225 | 10,295 | 15,284 | 12,430  | 9,904  | 1,215  |
| NICKEL                | 510    | 510    | 1,250  | 18,404 | 10,912 |        | 12,650  | 10,059 | 2,993  |
| CHROMIUM              |        |        | 500    |        |        |        |         |        |        |
| COPPER                | 2,165  | 1,910  | 87,965 | 68,229 | 63,380 | 69,687 | 51,771  | 41,112 | 49,818 |
| PHOSPHORIC ACID       |        |        |        |        |        |        | 106,841 |        |        |
| PHOSPHORUS, YELLOW O. | 10,330 | 10,330 | 21,925 | 35,580 | 27,215 | 21,690 | 17,704  | 15,070 | 6,698  |

## Demographic Profile of Surrounding Area (3 Miles) Switch to 1 Mi 5 Mi

Data Dictionary

This section is to provide context regarding the community setting of the facility. No relationship between this information, and other data included in this report is implied. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available. N/A = Not yet available from the Census Bureau for 2000 Census.

|                   |          |                     |                 |                                  |        |
|-------------------|----------|---------------------|-----------------|----------------------------------|--------|
| Radius of Area:   | 3 Miles  | Land Area:          | 99.53%          | Households in area:              | N/A    |
| Center Latitude:  | 39.9736  | Water Area:         | 0.47%           | Housing units in area:           | 24,743 |
| Center Longitude: | -75.5892 | Population Density: | 1972.59/sq. mi. | Households On Public Assistance: | N/A    |
| Total Persons:    | 62,981   | Percent Minority:   | 14.74%          | Persons Below Poverty Level:     | N/A    |

|                   |                 |                              |                 |
|-------------------|-----------------|------------------------------|-----------------|
| Race Breakdown    | Persons (%)     | Age Breakdown:               | Persons (%)     |
| White:            | 54,879 (87.14%) | Child 5 years and less:      | 3,666 (5.82%)   |
| African-american: | 4,846 (7.69%)   | Minors 17 years and younger: | 13,523 (21.47%) |

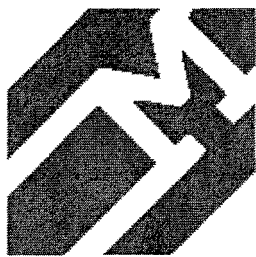
|                         |                |                             |                 |
|-------------------------|----------------|-----------------------------|-----------------|
| Hispanic-Origin:        | 2,384 ( 3.79%) | Adults 18 years and older:  | 49,227 (78.16%) |
| Asian/Pacific Islander: | 1,633 ( 2.59%) | Seniors 65 years and older: | 4,482 ( 7.12%)  |
| American Indian:        | 78 ( 0.12%)    |                             |                 |
| Other race:             | 1,545 ( 2.45%) |                             |                 |

| Education Level<br>(Persons 25 & older) | Persons (%) | Income Breakdown:      | Households (%) |
|---|-------------|------------------------|----------------|
| Less than 9th grade:                    | N/A         | Less than \$15,000:    | N/A            |
| 9th-12th grades:                        | N/A         | \$15,000-\$25,000:     | N/A            |
| High School Diploma:                    | N/A         | \$25,000-\$50,000:     | N/A            |
| Some College/2-yr:                      | N/A         | \$50,000-\$75,000:     | N/A            |
| B.S./B.A. or more:                      | N/A         | Greater than \$75,000: | N/A            |

Please note: Entries in gray denote records that are not federally required to be reported to EPA. These data may not be reliable.

### Map Returned Facility

This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 04/19/2003. PCS: 04/17/2003. RCRAInfo: 04/19/2003. FRS: 04/17/2003. TRI: 04/08/2003.



Metallurgical  
Products  
Company

Your source for Added Value in Copper Alloys



Copper Anodes



Phosphor Copper



Copper-Base Master Alloys & Specialty Metals

## Metallurgical Products Company



Delivering Quality with Added Value  
The Value of Experience  
Reliable Production and Delivery  
Company-Wide Commitment to Quality

Comprehensive Technical Expertise  
An Extra Measure of Customer Service  
Your Source for Real Value

Mission Statement

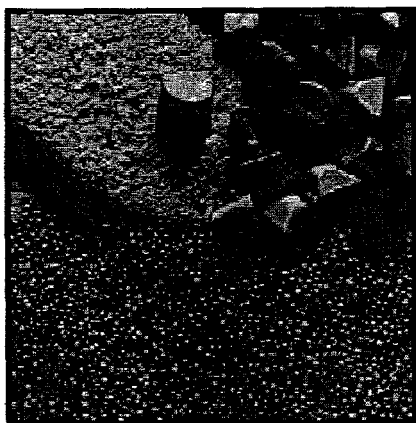
For Productive Answers

quality products. Quality service. For more information about Metallurgical Products Company - our capabilities, our experience, our comprehensive dedication to customer satisfaction - and how we can satisfy your particular needs with world-class phosphor copper, copper-base master alloys, copper anodes, and specialty metals, contact us today

810 Lincoln Avenue - P.O. Box 598 - West Chester PA 19381-0598  
610-696-6770 ~~1-800-659-1672~~  
Fax: 610-430-8431

Contact Us Today

Delivering Quality with Added Value



The difference in copper products isn't just the metal. It's also the source behind it.

Metallurgical Products Company is the source you can depend on for phosphor copper, copper anodes, copper-base master alloys, and specialty metals with real value. In supplying a broad range of productions, we go beyond high-quality metal to deliver a full measure of value-added service.

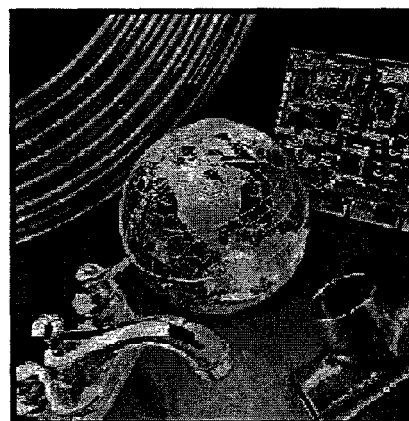
That's what sets us apart from our competitors. We serve as more than just a material supplier, but a working partner with a common goal - making superior products with increased profitability. We're dedicated to satisfying your material needs by continually meeting or exceeding your requirements for consistent quality and on-time delivery. Above all, we're committed to delivering copper products with the greatest value to you.

Top of Page

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### The Value of Experience

Experience makes a difference. Founded in 1909, Metallurgical Products has nearly a century of experience in meeting customers' alloy production needs. A leader in the industry, we have supplied metals for a wide variety of processes and customers throughout the world. This valuable experience gives us extensive knowledge of copper alloy applications, as well as a solid track record of consistent on-time delivery.



*Experience makes a difference.*

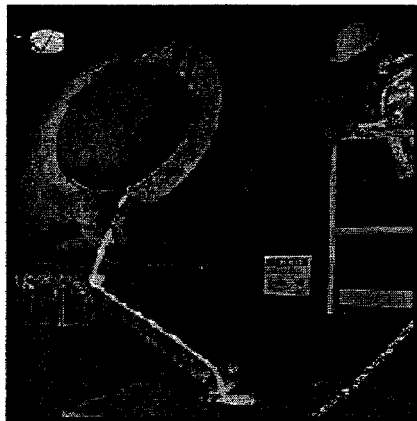
More importantly, this experience reflects our commitment to customer satisfaction. We'll do whatever is necessary to help you profit from our business relationship. This is a principle we've followed since we produced our first pound of metal.

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### Reliable Production and Delivery

At Metallurgical Products, we recognize that your production depends



on ours. That's why we've made flexibility as important as efficiency on the production floor. Our plant operations can be quickly adjusted to satisfy particular metal needs as they arise.

*We melt in state-of-the-art, ultra-efficient electric furnaces.*

Our production facilities employ state-of-the-art technology to produce high-quality alloys with a high degree of efficiency and environmental safety. We melt in ultra-efficient electric furnaces closely monitored by sophisticated analytical instrumentation, and all operations incorporate effective pollution control methods. This ensures a reliable supply of quality material that is consistently in spec - and helps increase your manufacturing efficiency because you won't have to make adjustments for metal variations.

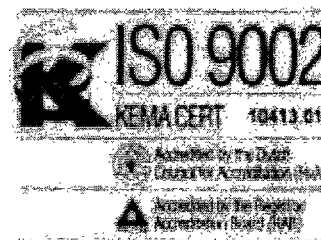
Moreover, we have the capability to supply products in the form you need. We can provide phosphor copper and copper-base master alloys in shot and ingots, as well as copper anodes in nuggets, balls and bars. We can also provide specialty metals and custom alloys in a variety of formats. All supplied with rapid turnaround times and instant dedication to on time delivery.

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### Company-Wide Commitment to Quality

At Metallurgical Products, delivering quality metal and service are comprehensive commitments. Commitments driven by a long-standing dedication to continuous improvement in everything we do, from production to customer service to administration.



Our ISO 9002 certification provides full and formal assurance of world-class product quality and consistency. Our commitment to customer service includes a guarantee of timely shipments and knowledgeable technical support. Our focus on administration functions plays an equally important role in assuring efficient, error-free handling of every task from order entry to invoicing. Yet delivering quality is only half the story. The other half is improving it. To this end, we are continually evaluating our operations and implementing new systems to further enhance performance in all areas of the company.

One such system is Lilly Software Associates' Visual Manufacturing, an enterprisewide information management software package. Incorporating manufacturing and materials requirement planning modules, the system integrates and supplies up-to-the-minute information throughout the organization. The result is significantly greater operating efficiency that helps us keep costs down...and pass cost benefits on to our customers.

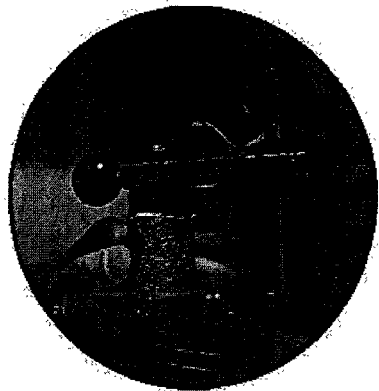
These efforts to deliver and improve quality are what result in better value for our customers, year after year. Why not see for yourself by visiting our facility and experiencing first-hand the dedication to quality that goes into every

rder.

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### Comprehensive Technical Expertise



In addition to supplying world-class products, we also provide complete technical support to help you achieve the most effective results at the least possible cost.

Along with extensive knowledge of copper alloys, our staff of technical experts has an in-depth understanding of many different processes. Their expertise, along with our in-house testing laboratory, is available to assist with product applications and equipment or production troubleshooting.

Our technical staff can also provide expert assistance in finding ways to increase process efficiency and output. They are fully familiar with today's sophisticated production processes and will work closely with you to determine the right application for your specific needs.

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### An Extra Measure of Customer Service

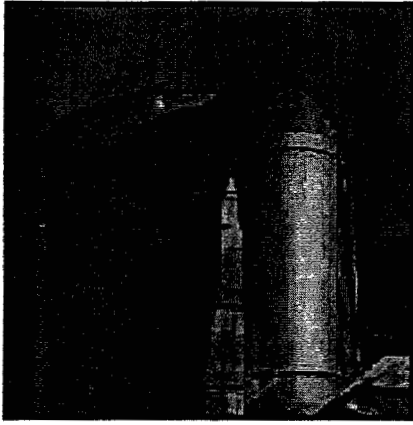
For us, providing quality service is as important as producing quality metal.

At Metallurgical Products, customers receive our complete attention. All of our efforts are directed toward making sure your needs are completely satisfied. If the way we work doesn't quite fit the way you work, we'll adjust accordingly. If you have an unexpected problem or special request, we make the extra effort to handle it quickly and efficiently.

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### Your Source for Real Value



With Metallurgical Products, you have a source of world-class copper products. A source you can trust for consistent performance and on-time delivery.

A supplier that is dedicated to forging productive working partnerships with customers. A supplier that has the knowledge, facilities, and - most important - commitment to meet all your requirements for quality and service. Together, that makes Metallurgical Products Company your source of value for copper alloys.

*All operations incorporate effective pollution control methods.*

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### **Mission Statement**

Our primary purpose at Metallurgical Products Company is to increase the competitiveness of our customers by satisfying their metal needs with unequaled performance and quality.

We work to accomplish this by:

1. Measuring our performance in areas which contribute to our customers' competitiveness, and continually meeting or exceeding their expectations in those areas.
2. Creating systems which allow is to repeat successes with minimal variance.
3. Discovering ways to work more efficiently, in order to increase value to customers with the least cost.
4. Treating every customer and employee with respect and dignity, recognizing that people are the key to our success.

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